

Form PTO-1449

U.S. DEPARTMENT OF COMMERCE
PATENT AND TRADEMARK OFFICE

Atty. Docket Number:

Serial Number:

1001-021C2

10/603,674

Applicant(s): Barz et al.

Filing Date:

Group:

June 25, 2003

3612

U.S. PATENT DOCUMENTS

*EXAMINER TRIAL	DOCUMENT NUMBER	DATE	NAME	CLASS	SUBCLASS	FILING DATE IF APPROPRIATE
H9	3,054,636	09/18/1962	Wessells III			
	3,123,170	03/03/1964	Bryant			
	3,493,257	02/03/1970	Fitzgerald et al.			
	3,665,968	05/30/1972	DePutter			
	3,746,387	07/17/1973	Schwenk			
	3,757,559	09/11/1973	Welsh			
	3,890,108	06/17/1975	Welsh			
	4,019,301	04/26/1977	Fox			
	4,082,825	04/04/1978	Puterbaugh			
	4,090,734	05/23/1978	Inami et al.			
	4,238,540	12/09/1980	Yates et al.			
	4,378,395	03/29/1983	Asoshina et al.			
	4,397,490	08/09/1983	Evans et al.			
	4,440,434	04/03/1984	Celli			

FOREIGN PATENT DOCUMENTS

DOCUMENT NUMBER	DATE	COUNTRY	CLASS	SUBCLASS	TRANSLATION YES NO
628,863	03/28/1947	U.K.			<input type="checkbox"/> <input type="checkbox"/>
DE2919046	05/11/1979	Germany			<input type="checkbox"/> <input type="checkbox"/>
8028960	09/08/1980	U.K.			<input type="checkbox"/> <input type="checkbox"/>
82102135.9	03/16/1982	Europe			<input type="checkbox"/> <input type="checkbox"/>
8725028	10/26/1987	U.K.			<input type="checkbox"/> <input type="checkbox"/>
PCT/JP88/00029	01/14/1988	PCT			<input type="checkbox"/> <input type="checkbox"/>
64-69309	03/15/1989	Japan			<input type="checkbox"/> <input type="checkbox"/>
64-69308	03/15/1989	Japan			<input type="checkbox"/> <input type="checkbox"/>

OTHER DOCUMENTS (Including Author, Title, Date, Pertinent Pages, Etc.)

Co-pending Application Serial No. 09/631,211, filed August 3, 2000

EXAMINER

DATE CONSIDERED:

6/16/07

Form PTO-1449 U.S. DEPARTMENT OF COMMERCE PATENT AND TRADEMARK OFFICE		Atty. Docket Number: 1001-021C2		Serial Number: 10/603,674	
LIST OF PRIOR ART CITED BY APPLICANT(S) IN AN APPLICATION FOR A PATENT OR TRADEMARK (Use several sheets if necessary)		Applicant(s): Barz et al.		Filing Date: June 25, 2003	
				Group: 3612	

U.S. PATENT DOCUMENTS							
*EXAMINER TRIAL	DOCUMENT NUMBER	DATE	NAME	CLASS	SUBCLASS	FILING DATE IF APPROPRIATE	
Ag	4,457,555	07/03/1984	Draper				
	4,559,274	12/17/1985	Kloppe et al.				
	4,610,836	09/09/1986	Wycech				
	4,613,177	09/23/1986	Loren et al.				
	4,705,716	11/10/1987	Tang				
	4,732,806	03/22/1988	Wycech				
	4,751,249	06/14/1988	Wycech				
	4,762,352	08/09/1988	Enomoto				
	4,803,108	02/07/1989	Leuchten et al.				
	4,836,516	06/06/1989	Wycech				
	4,853,270	08/01/1989	Wycech				
	4,861,097	08/29/1989	Wycech				
	4,898,630	02/06/1990	Kitoh et al.				
	4,901,500	02/20/1990	Wycech				

FOREIGN PATENT DOCUMENTS							
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90202150.0	08/08/1990	Europe			<input type="checkbox"/>	<input type="checkbox"/>	
2-206537	08/16/1990	Japan			<input type="checkbox"/>	<input type="checkbox"/>	
G9011147.8	09/24/1990	Germany			<input type="checkbox"/>	<input type="checkbox"/>	
91104546.6	03/22/1991	Europe			<input type="checkbox"/>	<input type="checkbox"/>	
PCT/AU92/00468	09/03/1992	PCT			<input type="checkbox"/>	<input type="checkbox"/>	
5-38992	02/19/1993	Japan			<input type="checkbox"/>	<input type="checkbox"/>	
94101343.5	01/29/1994	Europe			<input type="checkbox"/>	<input type="checkbox"/>	
G9320333.0	06/21/1994	Germany			<input type="checkbox"/>	<input type="checkbox"/>	
95913082.4	03/10/1995	Europe			<input type="checkbox"/>	<input type="checkbox"/>	

OTHER DOCUMENTS (Including Author, Title, Date, Pertinent Pages, Etc.)	

EXAMINER: <i>W. Long</i>	DATE CONSIDERED: 6/16/04
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Form PTO-1449
U.S. DEPARTMENT OF COMMERCE
PATENT AND TRADEMARK OFFICE

Atty. Docket Number:

1001-021C2

Serial Number:

10/603,674

LIST OF PRIOR ART CITED BY APPLICANT
IN AN APPLICATION

(Use several sheets if necessary)
JAN 14 2004

JAN 15 2004

Applicant(s): Barz et al.

Filing Date:

June 25, 2003

Group:

3612

U.S. PATENT DOCUMENTS

*EXAMINER TRIAL	DOCUMENT NUMBER	DATE	NAME	CLASS	SUBCLASS	FILING DATE IF APPROPRIATE
H0	4,908,930	03/20/1990	Wycech			
	4,917,435	04/17/1990	Bonnett et al.			
	4,922,596	05/08/1990	Wycech			
	4,923,902	05/08/1990	Wycech			
	4,978,562	12/18/1990	Wycech			
	4,989,913	02/05/1991	Moore, III			
	4,995,545	02/26/1991	Wycech			
	5,102,188	04/07/1992	Yamane			
	5,122,398	06/16/1992	Seiler et al.			
	5,124,186	06/23/1992	Wycech			
	5,213,391	05/25/1993	Takagi			
	5,255,487	10/26/1993	Wieting et al.			
	5,266,133	11/30/1993	Hanley et al.			
	5,344,208	09/06/1994	Bien et al.			

FOREIGN PATENT DOCUMENTS

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PCT/EP95/00896	03/10/1995	PCT			<input type="checkbox"/> <input type="checkbox"/>
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PCT/US99/00035	01/06/1999	PCT			<input type="checkbox"/> <input type="checkbox"/>

OTHER DOCUMENTS (Including Author, Title, Date, Pertinent Pages, Etc.)

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LIST OF PRIOR ART CITED BY APPLICANT
IN AN APPLICATION
(See serial sheets if necessary)

U.S. PATENT DOCUMENTS

*EXAMINER TRIAL	DOCUMENT NUMBER	DATE	NAME	CLASS	SUBCLASS	FILING DATE IF APPROPRIATE
MS	5,373,027	12/13/1994	Hanley et al.			
	5,395,135	03/07/1995	Lim et al.			
	5,506,025	04/09/1996	Otto et al.			
	5,560,672	10/01/1996	Lim et al.			
	5,575,526	11/19/1996	Wycech			
	5,580,120	12/03/1996	Nees et al.			
	5,642,914	07/01/1997	Takabatake			
	5,648,401	07/15/1997	Czaplicki et al.			
	5,649,400	07/22/1997	Miwa			
	5,652,039	07/29/1997	Tremain et al.			
	5,707,098	01/13/1998	Uchida et al.			
	5,725,272	03/10/1998	Jones			
	5,731,069	03/24/1998	Delle Donne et al.			
	5,755,486	05/26/1998	Wycech			

FOREIGN PATENT DOCUMENTS

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PCT/US99/00770	01/14/1999	PCT			<input type="checkbox"/> <input type="checkbox"/>
EP 0 891 918 A1	01/20/1999	Europe			<input type="checkbox"/> <input type="checkbox"/>
EP 0 893 331 A1	01/27/1999	Europe			<input type="checkbox"/> <input type="checkbox"/>
EP 0 893 332 A1	01/27/1999	Europe			<input type="checkbox"/> <input type="checkbox"/>
PCT/US99/01855	02/03/1999	PCT			<input type="checkbox"/> <input type="checkbox"/>
PCT/US99/01865	02/09/1999	PCT			<input type="checkbox"/> <input type="checkbox"/>
PCT/US98/16461	02/25/1999	PCT			<input type="checkbox"/> <input type="checkbox"/>
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PCT/US99/04279	03/29/1999	PCT			<input type="checkbox"/> <input type="checkbox"/>

OTHER DOCUMENTS (Including Author, Title, Date, Pertinent Pages, Etc.)

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Form PTO-1449

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U.S. PATENT DOCUMENTS

*EXAMINER TRIAL	DOCUMENT NUMBER	DATE	NAME	CLASS	SUBCLASS	FILING DATE IF APPROPRIATE
1/3	5,766,719	06/16/1998	Rimkus			
	5,785,376	07/28/1998	Nees et al.			
	5,786,394	07/28/1998	Slaven			
	5,803,533	09/08/1998	Schulz et al.			
	5,804,608	09/08/1998	Nakazato et al.			
	5,806,915	09/15/1998	Takabatake			
	5,806,919	09/15/1998	Davies			
	5,855,094	01/05/1999	Baudisch et al.			
	5,866,052	02/02/1999	Muramatsu			
	5,884,960	03/23/1999	Wycech			
	5,885,688	03/23/1999	McLaughlin			
	5,888,600	03/30/1999	Wycech			
	5,888,642	03/30/1999	Meteer et al.			
V	5,901,528	05/11/1999	Richardson			

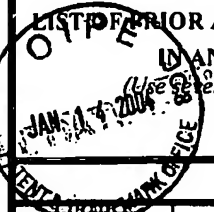
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		PCT/EP99/03832	06/02/1999	PCT			<input type="checkbox"/>	<input type="checkbox"/>
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		PCT/US99/18820	08/26/1999	PCT			<input type="checkbox"/>	<input type="checkbox"/>

OTHER DOCUMENTS (Including Author, Title, Date, Pertinent Pages, Etc.)

EXAMINER


DATE CONSIDERED:

Form PTO-1449 U.S. DEPARTMENT OF COMMERCE PATENT AND TRADEMARK OFFICE		Atty. Docket Number: <div style="text-align: center;">1001-021C2</div>		Serial Number: <div style="text-align: center;">10/603,674</div>	
LIST OF PRIOR ART CITED BY APPLICANT IN AN APPLICATION (Use 2 or more sheets if necessary)		Applicant(s): Barz et al.			
<div style="text-align: center;">  </div>		Filing Date: <div style="text-align: center;">June 25, 2003</div>		Group: <div style="text-align: center;">3612</div>	

U.S. PATENT DOCUMENTS							
DOCUMENT NUMBER	DATE	NAME	CLASS	SUBCLASS	FILING DATE IF APPROPRIATE		
5,904,024	05/18/1999	Miwa					
5,932,680	08/03/1999	Heider					
5,934,737	08/10/1999	Abouzahr					
5,941,597	08/24/1999	Horiuchi et al.					
5,984,389	11/16/1999	Nuber					
5,985,435	11/16/1999	Czaplicki et al.					
5,988,734	11/23/1999	Longo et al.					
5,992,923	11/30/1999	Wycech					
5,994,422	11/30/1999	Born et al.					
6,003,274	12/21/1999	Wycech					
6,004,425	12/21/1999	Born et al.					
6,022,066	02/08/2000	Tremblay et al.					
6,033,300	03/07/2000	Schneider					
6,050,630	04/18/2000	Hochet					
6,058,673	05/09/2000	Wycech					

FOREIGN PATENT DOCUMENTS							
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OTHER DOCUMENTS (Including Author, Title, Date, Pertinent Pages, Etc.)	

EXAMINER 	DATE CONSIDERED: 8/16/03
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Form PTO-1449 U.S. DEPARTMENT OF COMMERCE PATENT AND TRADEMARK OFFICE		Atty. Docket Number: 1001-021C2		Serial Number: 10/603,674	
LIST OF PRIOR ART CITED BY APPLICANT ON AN APPLICATION (Use several sheets if necessary) JAN 14 2004		Applicant(s): Barz et al.			
		Filing Date: June 25, 2003		Group: 3612	
U.S. PATENT DOCUMENTS					
	DOCUMENT NUMBER	DATE	NAME	CLASS	FILING DATE IF APPROPRIATE
	6,059,342	05/09/2000	Kawai et al.		
	6,068,424	05/30/2000	Wycech		
	6,077,884	06/20/2000	Hess et al.		
	6,079,180	06/27/2000	Wycech		
	6,082,811	07/04/2000	Yoshida		
	6,090,232	07/18/2000	Seeliger et al.		
	6,092,864	07/25/2000	Wycech et al.		
	6,094,798	08/01/2000	Seeliger et al.		
	6,096,403	08/01/2000	Wycech et al.		
	6,096,791	08/01/2000	Born et al.		
	6,099,948	08/08/2000	Paver, Jr.		
	6,102,379	08/15/2000	Ponslet et al.		
	6,102,473	08/15/2000	Steininger et al.		
	6,103,341	08/15/2000	Barz et al.		
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	PCT/US00/00497	01/27/2000	PCT		<input type="checkbox"/> <input type="checkbox"/>
OTHER DOCUMENTS (Including Author, Title, Date, Pertinent Pages, Etc.)					
EXAMINER <i>HA</i>			DATE CONSIDERED: <i>6/16/07</i>		

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INFORMATION DISCLOSURE STATEMENT BY APPLICANT

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Sheet 1 of 3

Completeness if Known

Application Number	10/603,674
Filing Date	06/25/2003
First Named Inventor	William Barz
Group Art Unit	3612
Examiner Name	Unknown
Attorney Docket Number	1001-021C2

U.S. PATENT DOCUMENTS

Examiner Initials ¹	Cite No. ¹	U.S. Patent Document		Name of Patentee or Applicant of Cited Document	Date of Publication of Cited Document MM-DD-YYYY	Pages, Columns, Lines, Where Relevant Passages or Relevant Figures Appear
		Number	Kind Code ² (if known)			
Hg		1,814,677		A. Fennema	05/03/1930	
		3,649,375		P.S. Venkatesan	01/26/1970	
		4,029,128		Yamagishi	06/14/1977	
		4,083,384		Horne et al.	04/11/1978	
		4,463,870		Coburn, Jr. et al.	08/07/1984	
		4,695,343		Wycech	09/22/1987	
		4,769,391		Wycech	09/06/1988	
		4,813,690		Coburn, Jr.	03/21/1989	
		4,901,395		Semrau	02/20/1990	
		4,946,737		Lindeman et al.	08/07/1990	
		4,984,406		Friesen	01/15/1991	
		5,040,803		Cieslik et al.	08/20/1991	
		5,072,952		Irrgeher et al.	12/17/1991	
		5,358,397		Ligon et al.	10/25/1994	
		5,382,397		Turner, Jr.	01/17/1995	
		5,577,784		Nelson	11/26/1996	
		5,851,626		McCorry et al.	12/22/1998	
		5,871,849		Lepine	02/16/1999	
		5,878,784		Sales et al.	03/09/1999	
		5,901,752		Lundman	05/11/1999	

FOREIGN PATENT DOCUMENTS

Examiner Initials ¹	Cite No. ¹	Foreign Patent Document		Name of Patentee or Applicant of Cited Document	Date of Publication of Cited Document MM-DD-YYYY	Pages, Columns, Lines, Where Relevant Passages or Relevant Figures Appear	T ³
		Office ³	Number ⁴				
			2 539 693	Regie Nat. Des Usi	01/25/1983		
			GB 2 156 412 A	BKL Extrusions	10/09/1985		
			WO 87/01978	Gesensschmiede Sch	04/09/1987		
			DE 3627725 A1	Daimler-Benz AG	02/25/1988		
			EP 0 679 501 A1	Ymos Aktiengesells	11/02/1995		
			DE 196 35 734 A1	Ebbinghaus, Alfred	04/03/1997		
			WO 01/57130	Denovus LLC	08/09/2001		
			WO 01/54936	Sika Corporation	08/02/2001		
			WO 01/56845	Sika Corporation	08/09/2001		
			WO 01/71225	Sika Corporation	09/27/2001		

Examiner
Signature

[Signature]

Date
Considered

6/16/07

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INFORMATION DISCLOSURE STATEMENT BY APPLICANT

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Sheet 2 of 3

Complete if Known

Application Number	10/603,674
Filing Date	06/25/2003
First Named Inventor	William Barz
Group Art Unit	3612
Examiner Name	Unknown
Attorney Docket Number	1001-021C2

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HG		5,902,656		Hwang	05/11/1999	
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		6,189,953		Wycech	02/20/2001	
		6,196,621		VanAssche et al.	03/06/2001	
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		6,247,287		Takabatake	06/19/2001	
		6,253,524		Hopton et al.	07/03/2001	
		6,263,635		Czaplicki	07/24/2001	
		6,277,898		Pachl et al.	08/21/2001	
		6,281,260		Hanley, IV et al.	08/28/2001	
		6,296,298		Barz	10/02/2001	
		6,305,136		Hopton et al.	10/23/2001	
		6,315,938		Jandali	11/13/2001	
		6,319,964		Blank et al.	11/20/2001	
		6,311,452		Barz et al.	11/06/2001	
		6,321,793		Czaplicki et al.	11/27/2001	
		6,197,403		Brown et al.	03/06/2001	

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Examiner Initials ¹	Cite No. ¹	Foreign Patent Document		Name of Patentee or Applicant of Cited Document	Date of Publication of Cited Document MM-DD-YYYY	Pages, Columns, Lines, Where Relevant Passages or Relevant Figures Appear	T ³
		Office ⁴	Number ⁴				
			EP 0 775 721 A1	Mitsubishi Jidosha	05/28/1997		
			DE 196 48 164 A1	Wilhelm Karmann	05/28/1998		
			DE 299 04 705 D1	Mannesmann AG	07/29/1999		
			WO 99/28575	Sika AG	06/10/1999		
			DE 197 53 658 A1	Fraunhofer-Gesells	06/17/1999		
			WO 00/03894	Cascade Engineerin	01/27/2000		
			WO 01/83206	Sika Corporation	11/08/2001		
			DE 196 44 847 A1	Bayerische Motoren Werke AG	05/07/1998		
			WO 99/48746	Moller Plast GmbH	09/30/1999		
			2001191947	Hond Motor Co Ltd	07/17/2001		

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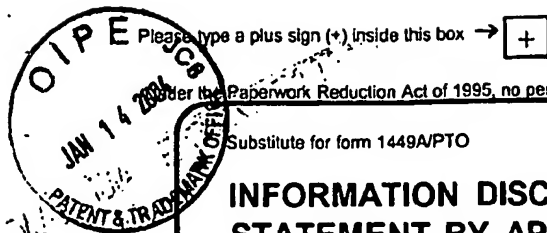
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¹ Unique citation designation number. ² See attached Kinds of U.S. Patent Documents. ³ Enter Office that issued the document, by the two-letter code (WIPO Standard ST.3). ⁴ For Japanese patent documents, the indication of the year of the reign of the Emperor must precede the serial number of the patent document. ⁵ Kind of document by the appropriate symbols as indicated on the document under WIPO Standard ST. 16 if possible. ⁶ Applicant is to place a check mark here if English language Translation is attached.

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INFORMATION DISCLOSURE STATEMENT BY APPLICANT

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Sheet 3 of 3

Complete if Known

Application Number	10/603,674
Filing Date	06/25/2003
First Named Inventor	William Barz
Group Art Unit	3612
Examiner Name	Unknown
Attorney Docket Number	1001-021C2

U.S. PATENT DOCUMENTS

Examiner Initials ¹	Cite No. ¹	U.S. Patent Document		Name of Patentee or Applicant of Cited Document	Date of Publication of Cited Document MM-DD-YYYY	Pages, Columns, Lines, Where Relevant Passages or Relevant Figures Appear
		Number	Kind Code ² (if known)			
HS		6,232,433		Narayan	05/15/2001	
		6,233,826		Wycech	05/22/2001	
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Examiner Initials ¹	Cite No. ¹	Foreign Patent Document		Name of Patentee or Applicant of Cited Document	Date of Publication of Cited Document MM-DD-YYYY	Pages, Columns, Lines, Where Relevant Passages or Relevant Figures Appear	T ⁶
		Office ³	Number ⁴	Kind Code ⁵ (if known)			
			0 236 291		Austria Metall Aktiengesellschaft	09/09/1987	
			WO 98/36944		Raychem Corporation	08/27/1998	
			WO 00/55444		L&L Products, Inc.	09/21/2000	
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			JP 10053156 A		Neox Lab	02/24/1998	

Examiner Signature	<i>RA</i>	Date Considered	6/16/03
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INFORMATION DISCLOSURE STATEMENT BY APPLICANT

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Sheet 1 of 1

Complete if Known

Application Number	10/603,674
Filing Date	06/25/2003
First Named Inventor	William J. Barz
Group Art Unit	3612
Examiner Name	Unknown
Attorney Docket Number	1001-021C2

U.S. PATENT DOCUMENTS

Examiner Initials	Cite No. ¹	U.S. Patent Document		Name of Patentee or Applicant of Cited Document	Date of Publication of Cited Document MM-DD-YYYY	Pages, Columns, Lines, Where Relevant Passages or Relevant Figures Appear
		Number	Kind Code ² (if known)			
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		Office ⁴	Number ⁴				
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INFORMATION DISCLOSURE STATEMENT BY APPLICANT

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Sheet

1

of

2

Application Number

10/603,674

Filing Date

06/25/2003

First Named Inventor

William J. Barz

Art Unit

3612

Examiner Name

Unknown

Attorney Docket Number

1001-021C2

U. S. PATENT DOCUMENTS

Examiner Initials*	Cite No. ¹	Document Number Number-Kind Code ² (if known)	Publication Date MM-DD-YYYY	Name of Patentee or Applicant of Cited Document	Pages, Columns, Lines, Where Relevant Passages or Relevant Figures Appear
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Examiner Initials*	Cite No. ¹	Foreign Patent Document Country Code ³ Number ⁴ Kind Code ⁵ (if known)	Publication Date MM-DD-YYYY	Name of Patentee or Applicant of Cited Document	Pages, Columns, Lines, Where Relevant Passages or Relevant Figures Appear	T ⁶
HS		WO 03/042024 A1	05/22/2003	L&L Products, Inc.		
HS		EP 1 006 022 A3 A2	06/07/2000	Neo-Ex Lab, Inc.		
HS		EP 1 006 022 B1	09/24/2003	Nneo-Ex Lab, Inc.		
HS		EP 1 362 683 A2	11/19/2003	L&L Products, Inc.		
HS		EP 1 362 769 A1	11/19/2003	L&L Products, Inc.		

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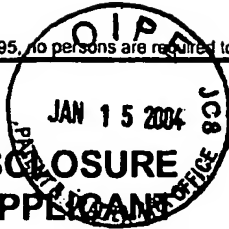
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Sheet	2	of	2
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Application Number	10/603,674
Filing Date	06/25/2003
First Named Inventor	William J. B
Art Unit	3612
Examiner Name	Unknown
Attorney Docket Number	1001-021C2

U. S. PATENT DOCUMENTS

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FOREIGN PATENT DOCUMENTS

Examiner Initials*	Cite No. ¹	Foreign Patent Document	Publication Date MM-DD-YYYY	Name of Patentee or Applicant of Cited Document	Pages, Columns, Lines, Where Relevant Passages or Relevant Figures Appear	T ⁶
		Country Code ³ Number ⁴ Kind Code ⁵ (if known)				
HZ		EP 1 256 512 A2	11/13/2002	Adam Opel AG		
HG		DE 42 27 393 A1	03/04/1993	Volkswagen AG		
HS		JP 7-31569	06/13/1995			X
HG		JP 58-87668	06/14/1983	Nissan Jidousha Motors		X
HB		JP 7-117728	05/09/1995	Iida Sangyo KK		X

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INFORMATION DISCLOSURE STATEMENT BY APPLICANT

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Sheet 1 of 0

Complete If Known

Application Number	10/603,674
Filing Date	06/25/2003
First Named Inventor	William Barz
Group Art Unit	3612
Examiner Name	Unknown
Attorney Docket Number	1001-021C2

OTHER PRIOR ART -- NON PATENT LITERATURE DOCUMENTS

Examiner Initials	Cite No. ¹	Include name of the author (in CAPITAL LETTERS), title of the article (when appropriate), title of the item (book, magazine, journal, serial, symposium, catalog, etc.), date, page(s), volume-issue number(s), publisher, city and/or country where published.	T ²
		Copending U.S. Application Serial No. 09/939,152 filed August 24, 2001	
		Copending U.S. Application Serial No. 09/939,245 filed August 24, 2001	
		Copending U.S. Application Serial No. 09/974,017 filed October 10, 2001	
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		KLEIN, M. and Adam Opel AG, "Application of Structural Foam in the Body in White - Reinforcement Roof Rail Side of the OPEL ASTRA", VDI Berichte, pp. 227-249.	X

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